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ABSTRACT

The assessment problems in this guide offer K-2 teachers a beginning toward building a bank of math tasks that measure whether or not their students are becoming better problem solvers. The problems can be used as tools to use when teaching the strategies of effective problem solving and as informal assessments to help teachers see what their students do and do not understand. After a preface and an introduction, chapters in the guide include: (1) Authentic Assessment: What Is It?; (2) Using Exemplars Math Problems; (3) Scoring Students' Work; (4) Developing Your Own Math Problems; (5) Creating a Comfortable Environment for Assessment; and (6) Using Problem-Solving Math Portfolios. The appendix presents ready-to-reproduce versions of the Exemplars problems, reproducible assessment rubrics to use and to share with students, and samples of how other teachers have scored many of the problems. (RS)

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